AMENDMENTS TO THE CLAIMS   BEST AVAILABLE COPY

1.   (currently amended) A method ~~for~~ of enabling information associations, said method being performed in conjunction with ~~on~~ ~~a~~at least one client ~~computer~~system and at least one server system, said method comprising the steps of:

~~on the client computer,~~ in a parsing step, parsing, on one of said client system and said server system, data contained within a document, to identify ~~said document including~~ a number of objects included in said document;

in an accessing step, accessing, from at least one database, information related to those of said objects in said document for which related information is available;

~~on the client computer, forming a list of those of said objects for which related information is available~~

in a first displaying step, displaying, on a display of said client system, ~~and presenting~~ at least a portion of those of said objects for which related information is available~~said list to a user~~;

~~on the client computer,~~ in a detecting step, detecting, on said client system, a selection of one of said objects displayed on said display ~~in said list~~ by ~~said~~ a user,

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~~searching a database for information regarding said selected one of said objects in said list~~; and

~~on the client computer,~~ in a second displaying step, displaying, on said display, information from said_at least one database ~~related~~ related to said selected one of said objects ~~in said list to said user~~.

2. (currently amended) The method of claim 1, wherein said first displaying step comprises displaying said document including said objects, and ~~further comprising~~ providing visual ~~indication~~ indications to said user of at least a portion of those of said objects ~~in said document within said list~~ for which related information is available.

3. (currently amended) The method of claim 1, further comprising:

detecting an operation in which said document is being loaded ~~into~~ by an application program; and

wherein said accessing step comprises comparing said objects within said document with entries in said at least one database, said accessing step being performed in response ~~wherein said forming of said list of said objects for which related information~~

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is available is responsive to said detecting of said operation in

which said document is being loaded into by said application

program, and wherein said forming of said list comprises comparing

objects within said document with entries in a dictionary data

structure.

4.   (currently amended) The method of claim 3, wherein said

accessing step forming of said list further comprises accessing,

from said at least one database, information related to at least

one of said objects within said document including one of said

objects within said document in said list in the event that said

at least one of object said objects within said document matches

at   least   one   of   said   entries   in   said   at   least   one

databasedictionary.

5.   (currently amended) The method of claim 3, wherein said

loading of said document in toby said application program

comprises downloading of said document onto a localsaid client

system using a browser program.

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6.   (original) The method of claim 3, wherein said loading of said document into said application program comprises loading said document into a word processor program.

7.   (original) The method of claim 3, wherein said loading of said document into said application program comprises loading said document into an email program.

8.   (currently amended) The method of claim 1, wherein said information from said at least one database related to said selected one of said objects in said list comprises at least one indication of at least one related resource, and further comprising:

detecting a selection of said indication of said at least one related resource by said user; and

outputting content associated with said at least one related resource in response to said detecting said selection of said indication of said at least one related resource.

9.   (currently amended) The method of claim 8, wherein said at least one indication of said at least one related resource

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comprises a—at least one uniform resource locator associated with said at least one related resource.

10. (currently amended) The method of claim 8, wherein said at least one related resource from said data—baseat least one database comprises streaming audio information.

11. (currently amended) The method of claim 8, wherein said at least one related resource from said data—baseat least one database comprises streaming video information.

12. (currently amended) The method of claim 1, further comprising:

in a monitoring step, monitoring user activities on a—local systemsaid at least one client system, said user activities indicating levels of interest of whether—a—at least one user of said local systemat least one client system is—interested—in said documentobjects included in said document;

determining a—at least one rating of at least one of said document, said objects, and said information related to said objects in response to said monitoring of said user activities on said local systemat least one client system; and

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storing said at least one rating ~~of said document~~ in association with at least one of said at least one user, said document, said objects, and said information related to said objects, wherein said at least one rating ~~determines, at least in part, a likelihood that said document will be displayed in response to a search of said database~~ can be applied to future requests for information related to said objects.

13. (currently amended) A computer program product including a computer readable medium, said computer readable medium having program code stored thereon, said program code comprising:

program code for parsing, on one of ~~a~~ at least one client ~~computer~~ system and at least one server system, data contained within a document~~,~~ to identify ~~said document including~~ a number of objects included in said document;

program code for accessing, from at least one database, information related to ~~forming, on the client computer, a list of~~ those of said objects in said document for which related information is available; ~~and~~

____ first program code for ~~presenting~~ displaying, on a display of said client system, at least a portion of those of said objects for which related information is available ~~list to a user~~;

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program code for detecting, on ~~the~~ said client ~~computer~~system, a selection of one of said objects displayed on said display ~~in said list~~ by ~~said~~ a user~~,~~

~~program code for searching a database for information regarding said selected one of said objects in said list~~; and

second program code for displaying, on ~~the~~ said ~~client computer~~display, information from said at least one database ~~related~~related to said selected one of said objects ~~in said list to said user~~.

14. (currently amended) The computer program product of claim 13, wherein said first program code for displaying comprises ~~further comprising program code for~~displaying said document including said objects, and providing visual ~~indication~~indications to said user of at least a portion of those of said ~~object in said document within said list~~ objects for which related information is available.

15. (currently amended) The computer program product of claim 13, further comprising:

program code for detecting an operation in which said document is being loaded ~~into~~by an application program; ~~and~~

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wherein said program code for accessing comprises comparing said objects within said document with entries in said at least one database, said program code for accessing being executed in response ~~wherein said program code for forming said list of said objects for which related information is available is responsive~~ to an execution of said program code for detecting said operation in which said document is being loaded ~~into~~ by ~~an~~ said application program, ~~and wherein said forming of said list comprises comparing objects within said document with entries in a dictionary data structure~~.

16. (currently amended) The computer program product of claim 15, wherein said program code for ~~forming~~ accessing ~~said list~~ further comprises program code for accessing, from said at least one database, information related to at least one of said objects within said document ~~including one of said objects in said document in said list~~ in the event that said at least one of said objects ~~in~~ within said document matches at least one of said entries in said ~~dictionary~~ at least one database.

17. (currently amended) The computer program product of claim 15, wherein said program code for detecting said operation in which

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said document is loaded into said application program comprises

program code for detecting downloading of said document onto a

~~local~~said client system through a browser program.

18.   (original) The computer program product of claim 15, wherein

said program code for detecting said operation in which said

document is loaded into said application program comprises program

code for detecting loading of said document into a word processor.

19.   (original) The computer program product of claim 15, wherein

said program code for detecting said operation in which said

document is loaded into said application program comprises program

code for detecting loading of said document into an email program.

20.   (currently amended) The computer program product of claim 13,

wherein said information from said at least one database related

to said selected one of said objects ~~in said list~~ comprises at

least one indication of at least one related resource, and further

comprising:

        program code for detecting a selection of said indication of

said at least one related resource by said user; and

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program code for outputting content associated with said at least one related resource in response to said program code for detecting said selection of said indication of said at least one related resource.

21. (currently amended) The computer program product of claim 20, wherein said <u>at least one</u> indication of said at least one resource comprises a <u>at least one</u> uniform resource locator associated with said <u>at least one</u> related resource.

22. (currently amended) The computer program product of claim 20, wherein said related resource from said ~~data base~~<u>at least one database</u> comprises streaming audio information.

23. (currently amended) The computer program product of claim 20, wherein said related resource from said ~~data base~~<u>at least one database</u> comprises streaming video information.

24. (currently amended) The computer program product of claim 13, further comprising:

program code for monitoring user activities on a ~~local system~~<u>said at least one client system</u>, said user activities

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indicating <u>levels of interest of</u> ~~whether a~~ <u>at least one</u> user of

said ~~local system~~<u>at least one client system</u> ~~is interested~~<u>in</u> said

~~document~~<u>objects included in said document</u>;

program code for determining <u>a</u> <u>at least one</u> rating of <u>at</u>

<u>least one of</u> said document<u>,</u> <u>said objects, and said information</u>

<u>related to said objects</u> in response to said monitoring of said

user activities on said ~~local system~~<u>at least one client system</u>;

and

program code for storing said <u>at least one</u> rating ~~of said~~

~~document~~ in association with <u>at least one of</u> said <u>at least one</u>

<u>user,</u> said document, <u>said objects, and said information related to</u>

<u>said objects,</u> wherein said <u>at least one</u> rating ~~determines, at~~

~~least in part, a likelihood that said document will be displayed~~

~~in response to a search of said database~~ <u>can be applied to future</u>

<u>requests for information related to said objects</u>.

25.   (currently amended)   A   computer   data   signal   embodied   in   a

carrier   wave,   said   computer   data   signal   including   a   computer

program, said computer program comprising:

program code for parsing, on <u>one of</u> ~~a~~<u>at least one</u> client

~~computer~~<u>system</u> <u>and at least one server system,</u> data <u>contained</u>

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within a document, to identify said document including a number of objects included in said document;

program code for forming accessing, from at least one database, information related to , on the client computer, a list of those of said objects in said document for which related information is available; and for

presenting first program code for displaying, on a display of said client system, at least a portion of those of said objects for which related information is available said list to a user;

program code for detecting, on the said client computer system, a selection of one of said objects displayed on said display in said list by said a user,

program code for searching a database for information regarding said selected one of said objects in said list; and

second program code for displaying, on the said client computer display, information from said at least one database related related to said selected one of said objects in said list to said user.

26. (currently amended) A system for enabling information associations, comprising:

a ~~at~~ least one client ~~computer~~ system, said client ~~computer~~

system including a display;

~~a~~ at least one processor coupled to ~~a~~ at least one memory;

and

an information association utility loaded in said at least

one memory and executable on said at least one processor, said

information association utility operable to:

parse, ~~on the client computer,~~ data contained within a

document, to identify ~~said document including~~ a number of objects

included in said document;

~~form~~ access, from at least one database, information related

to ~~, on the client computer, a list of~~ those of said objects in

said document for which related information is available ~~and~~

~~present said list to a user~~;

display, on said display, at least a portion of those of said

objects for which related information is available;

detect, ~~on the client computer,~~ a selection of one of said

objects displayed on said display ~~in said list~~ by ~~said~~ a user;

~~search a database for information regarding said selected one~~

~~of said objects in said list~~; and

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display, on ~~the~~ said ~~client computer~~display, information from said at least one database ~~related~~ related to said selected one of said objects ~~in said list to said user~~.

27. (currently amended) A computer data signal embodied in a carrier wave, said computer data signal including a computer program, said computer program comprising:

means for parsing, on one of ~~a~~ at least one client ~~computer~~system and at least one server system, data contained within a document~~,~~ to identify ~~said document including~~ a number of objects included in said document;

means for ~~forming~~accessing, from at least one database~~on the client computer~~, information related to ~~a list of~~those of said objects in said document for which related information is available; ~~and for~~

~~presenting~~ means for displaying, on a display of said client system, ~~said~~at least a portion of those of said objects for which related information is available~~list to a user~~;

means for detecting, on ~~the~~ said client ~~computer~~system, a selection of one of said objects displayed on said display ~~in said list~~ by ~~said~~a user~~,~~

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~~means for searching a database for information regarding said selected one of said objects in said list~~; and

means for displaying, on ~~the~~ said ~~client computer~~display, information from said at least one database ~~related~~related to said selected one of said objects ~~in said list to said user~~.

28. (previously presented) The method of claim 1, wherein at least some of said objects comprise respective metadata.

29. (previously presented) The computer program product of claim 13, wherein at least some of said objects comprise respective metadata.

30. (previously presented) The system of claim 26, wherein at least some of said objects comprise respective metadata.

31. (new) The method of claim 1 further including determining said at least a portion of those of said objects for which related information is available based upon at least one of user profile information derived from past actions of said user, profile information provided by said user, preferences provided by said

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user, contextual analysis of said document, and related information associated with at least one of said objects.

32. (new) The method of claim 31 wherein said contextual analysis of said document includes extracting themes contained in at least one of said document and a history of documents recently downloaded onto said client system.

33. (new) The computer program product of claim 13 further including program code for determining said at least a portion of those of said objects for which related information is available based upon at least one of user profile information derived from past actions of said user, profile information provided by said user, preferences provided by said user, contextual analysis of said document, and related information associated with at least one of said objects.

34. (new) The computer program product of claim 33 wherein said contextual analysis of said document includes extracting themes contained in at least one of said document and a history of documents recently downloaded onto said client system.

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35. (new) The computer data signal of claim 25 wherein said computer program further includes program code for determining said at least a portion of those of said objects for which related information is available based upon at least one of user profile information derived from past actions of said user, profile information provided by said user, preferences provided by said user, contextual analysis of said document, and related information associated with at least one of said objects.

36. (new) The computer data signal of claim 35 wherein said contextual analysis of said document includes extracting themes contained in at least one of said document and a history of documents recently downloaded onto said client system.

37. (new) The system of claim 26 wherein said information association utility is further operable to determine said at least a portion of those of said objects for which related information is available based upon at least one of user profile information derived from past actions of said user, profile information provided by said user, preferences provided by said user, contextual analysis of said document, and related information associated with at least one of said objects.

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38.   (new) The system of claim 37 wherein said contextual analysis of said document includes extracting themes contained in at least one of said document and a history of documents recently downloaded onto said client system.

39.   (new) The computer data signal of claim 27 wherein said computer program further includes means for determining said at least a portion of those of said objects for which related information is available based upon at least one of user profile information derived from past actions of said user, profile information provided by said user, preferences provided by said user, contextual analysis of said document, and related information associated with at least one of said objects.

40.   (new) The computer data signal of claim 39 wherein said contextual analysis of said document includes extracting themes contained in at least one of said document and a history of documents recently downloaded onto said client system.

41.   (new) The method of claim 12 wherein at least one of said objects comprises at least one indication of at least one related

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resource, and wherein said monitoring step includes monitoring said user activities associated with said at least one related resource.

42.   (new) The computer program product of claim 24 wherein at least one of said objects comprises at least one indication of at least one related resource, and wherein said program code for monitoring user activities includes program code for monitoring user activities associated with said at least one related resource.

43.   (new) The method of claim 1 wherein said detecting step includes detecting said selection of said one of said objects displayed on said display by at least one of moving a cursor substantially over said one of said objects and leaving the cursor over said one of said objects for a predetermined amount of time, and clicking on said one of said objects.

44.   (new) The computer program product of claim 13 wherein said program code for detecting a selection of one of said objects displayed on said display by said user includes program code for detecting said selection of said one of said objects by at least

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one of moving a cursor substantially over said one of said objects and leaving the cursor over said one of said objects for a predetermined amount of time, and clicking on said one of said objects.

45. (new) The system of claim 26 wherein said information association utility is operable to detect said selection of said one of said objects by at least one of moving a cursor substantially over said one of said objects and leaving the cursor over said one of said objects for a predetermined amount of time, and clicking on said one of said objects.

46. (new) A method of enabling information associations on at least one client system, comprising the steps of:

parsing data contained within a document to identify a number of objects included in said document;

accessing, from at least one database, information related to those of said objects included in said document for which related information is available; and

in a first displaying step, displaying, on a display of said client system, information accessed from said at least one

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database that is related to at least a portion of those of said objects for which related information is available.

47. (new) The method of claim 46 further including, in a second displaying step, displaying, on said display, said at least a portion of those of said objects for which related information is available.

48. (new) The method of claim 47 wherein said second displaying step includes displaying, on said display, said document including said objects in said document.

49. (new) The method of claim 48 wherein said second displaying step includes providing visual indications of said at least a portion of those of said objects in said document for which related information is available.

50. (new) The method of claim 49 wherein said visual indications include at least one of boldfacing, underlining, color-coding, and changing at least one of a format, font, and style of said at least a portion of those of said objects in said document for which related information is available.

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51. (new) The method of claim 46 further including determining said at least a portion of those of said objects for which related information is available based upon at least one of user profile information derived from past actions of said user, profile information provided by said user, preferences provided by said user, contextual analysis of said document, and related information associated with at least one of said objects.

52. (new) The method of claim 51 wherein said contextual analysis of said document includes extracting themes contained in at least one of said document and a history of documents recently downloaded onto said client system.

53. (new) A system for enabling information associations, comprising:

    at least one client system including at least one display;

    at least one processor coupled to at least one memory; and

    an information association utility loaded in said memory and executable on said processor, said information association utility being operable to:

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parse data contained within a document to identify a number of objects included in said document;

access, from at least one database, information related to those of said objects included in said document for which related information is available; and

display, on said display, information accessed from said at least one database that is related to at least a portion of those of said objects for which related information is available.

54. (new) The system of claim 53 wherein said information association utility is operable to display, on said display, said at least a portion of those of said objects for which related information is available.

55. (new) The system of claim 54 wherein said information association utility is operable to display, on said display, said document including said objects in said document.

56. (new) The system of claim 55 wherein said information association utility is operable to provide, on said display, visual indications of said at least a portion of those of said

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objects in said document for which related information is available.

57. (new) The system of claim 56 wherein said visual indications include at least one of boldfacing, underlining, color-coding, and changing at least one of a format, font, and style of said at least a portion of those of said objects in said document for which related information is available.

58. (new) The system of claim 53 wherein said information association utility is further operable to determine said at least a portion of those of said objects for which related information is available based upon at least one of user profile information derived from past actions of said user, profile information provided by said user, preferences provided by said user, contextual analysis of said document, and related information associated with at least one of said objects.

59. (new) The system of claim 58 wherein said contextual analysis of said document includes extracting themes contained in at least one of said document and a history of documents recently downloaded onto said client system.

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60.   (new) A method of enabling information associations on at least one client system, comprising the steps of:

loading at least one document on said at least one client system, said document including a number of objects;

monitoring activities of at least one user of said at least one client system, said activities indicating levels of interest of said at least one user in said objects included in said document;

determining at least one rating of at least one of said document, said objects, and information related to said objects in response to said monitoring of said activities of said at least one user of said at least one client system; and

storing said at least one rating in association with at least one of said at least one user, said document, said objects, and said information related to said objects,

whereby said at least one rating can be applied to future requests for information related to said objects by said at least one user of said at least one client system.

61.   (new) A system for enabling information associations, comprising:

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at least one client system;

at least one memory; and

at least one processor operative to execute program code out

of said at least one memory, said program code being operative to:

load at least one document on said at least one client

system, said document including a number of objects;

monitor activities of at least one user of said at least one

client system, said activities indicating levels of interest of

said at least one user in said objects included in said document;

determine at least one rating of at least one of said

document, said objects, and information related to said objects in

response to monitoring of said activities of said at least one

user of said at least one client system; and

store, in said at least one memory, said at least one rating

in association with at least one of said at least one user, said

document, said objects, and said information related to said

objects,

whereby said at least one rating can be applied to future

requests for information related to said objects by said at least

one user of said at least one client system.

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